

**TITLE****Cathodic Electrodeposition Coating Compositions  
Containing Bismuth Compounds And Dicarboxylic Acids,  
Production And Use Thereof**

5

**ABSTRACT OF THE DISCLOSURE**

Waterborne cathodic electrodeposition (CED) coating compositions comprising resin solids and optionally pigments, fillers and conventional  
10 coating additives, wherein said CED coating compositions comprise at least one bismuth compound in a quantity of 0.1 to 2.5 wt.%, calculated as bismuth and relative to resin solids content, together with at least one dicarboxylic acid selected from among acyclic dicarboxylic acids with 3 to 7 carbon atoms and dicarboxylic acids with 8 to 10 carbon atoms  
15 comprising a cyclic structural unit in a quantity of 3 to 15 equivalent-%, relative to the acid equivalents present in the CED coating composition.